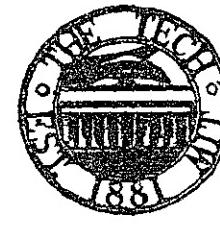


NOV 5 1953

The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIII. NO. 38.

CAMBRIDGE, MASSACHUSETTS, TUESDAY, NOVEMBER 3, 1953

5 CENTS

Admiral McCrea To Keynote First Leadership Conference Ever Held By DormComm

Vice Admiral John L. McCrea (retired), vice president of John Hancock Mutual Life Insurance Company, will be the keynote speaker at the leadership conference to be held by Dormitory Committee this weekend. The conference will be attended by Dormitory Committee, the three House Committees, and members of the faculty and administration including Frederick G. Fasset, Jr. and William Speer, Associate Deans of Students.

Admiral McCrea will deliver the keynote address to the assembled conferees at 1:00 p.m. this Saturday, November 7, in the Library Lounge. The conferees will then move to Tech house at Buzzard's Bay, where they will remain until Sunday afternoon. They will discuss general principles of leadership and specific problems of student government.

This is the first leadership conference ever held by Dormitory Committee. Patterned after the annual leadership conferences of Institute Committee, it is expected to acquaint members of dormitory student government with the problems they will have to face.

Holds Numerous Decorations

Admiral McCrea, the keynote speaker, has served the nation through two World Wars. For battle action in the Pacific he was twice awarded the Legion of Merit with Combat "V". He holds numerous other U. S. decorations, as well as decorations from the governments of France, Belgium, Chile, Greece and French Morocco. From February, 1952 to June, 1953 he was commandant of the First Naval District, with collateral duty as commander of the Boston Naval Base and commandant of the Portsmouth Naval Base.

Soon after Pearl Harbor, Admiral McCrea was appointed naval aid to President Roosevelt. He accompanied the President to the Casablanca Conference, and as captain of the U.S.S. Iowa, he took the President and the Joint Chiefs of Staff to Oran for the Cairo and Teheran Conferences and returned them to Dakar.

Commanded Task Force

Still commanding the Iowa, he participated for eight months in the Central Pacific campaign in World War

(Continued on page 2)

Institute Host To Science Academy Autumn Conclave

At least 120 members of the National Academy of Sciences are expected to attend the annual autumn meeting of the Academy at the Institute beginning Monday, November 9, according to Dr. Karl T. Compton, chairman of the Institute Corporation, who heads the Academy's Committee on Arrangements.

More than 50 scientific papers on a wide variety of technical subjects will be given in sessions on Monday, Tuesday and Wednesday in the main buildings here. On Tuesday morning there will be a symposium of biologists and biochemists on "The Muscle Machine and Its Function," and on Wednesday morning a symposium on "Molecular and Solid State Physics" has been planned.

Dinner On Tuesday

Members of the Academy will be guests of Dr. and Mrs. James R. Killian, Jr., at a reception at the President's House, Monday afternoon. A dinner for members and their guests will be held on Tuesday evening at the Faculty Club of the Sloan Building, after a reception by Dr. Detlev W. Bronk, President of the Academy, and Mrs. Bronk.

On Wednesday evening members of the Academy will be guests at a reception and buffet supper at the American Academy of Arts and Sciences in Boston.

Highlight of the schedule for Monday, November 9, is the annual public lecture. Dr. Harlow Shapley, Director of the Harvard Observatory, and Dr. George R. Harrison, Dean of the School of Science will speak on "The Production and Use of Solar Energy."

Ladies accompanying members of the Academy will be guests of Mrs. Compton for luncheon on Monday and will tour Lexington, Concord and Sudbury on Tuesday.

The Committee on Arrangements for the Academy meeting includes, in

(Continued on page 4)

Chandler School, TCA To Present Dance On Friday

Chandler Secretarial School and Technology Christian Association will present their annual Fall Acquaintance Dance in Morris Hall of Walker Memorial on Friday night between the hours of 8:30 and 12:00 p.m. Approximately 400 girls from Chandler, which is across the river on Beacon Street, will be on hand for the affair, which has been a regular at the Institute for several years.

Tickets to the dance will be on sale in the Building 10 lobby and the remainder will be sold at the door on Friday night. Admission price is \$5.00, and refreshments will be served.

Class Of '56 Drops Freshmen In Field Day Activities, 15-6; Glove Fight Decides Outcome



Photo by Technique
Discouraged Freshmen examine the evidence of the subtle Soph trickery.

Judcomm Lightens Sentence Against Open House Violator

The appeal of Edgar D. Pulsifer, '55, of the decision to expel him made by the Dormitory Judicial Committee has been granted by the Institute Committee Judicial Committee. Judicial Committee has voted that the penalty for his violation of Open House rules shall consist of suspension of his Open House privileges, effective up to and including November 30, but that he shall be permitted to remain at Baker House. In making

this decision, Judicial Committee stated that while this case clearly represents an unjustifiable violation of Open House regulations, it felt that expulsion from the dorms was too severe a penalty for a first offense of this magnitude.

Claims Unintentional Violation
Pulsifer appealed the original decision on the grounds that his violation was unintentional and therefore merited only a light penalty, if any at all. He stated that he had been watching television on the night in question, and forgot the time because the program he was watching did not end at 1:00 a.m., the Open House deadline.

In an interview with *The Tech* Pulsifer said that the Institute Committee Judicial Committee had considered the case fairly, taking into account the broader aspects of the case and the circumstances involved, whereas in the original decision it had been treated merely as a violation of the Open House rules, without regard to the merits of the individual case.

Pulsifer stated that the present Open House rules are equitable, provided they are enforced with varying degrees of severity, depending on the seriousness of the violation, and that temporary suspension of certain personal privileges was adequate punishment for all but the most serious violations. He felt that creating a major disturbance in the dorms in violation of these rules should be the only grounds for expulsion.

One of Two Expelled

Pulsifer was one of two Open House violators whom Dormitory Judicial Committee expelled from the dormitory system during its meeting of October 24. At this time two other students received lesser penalties, also as a part of the committee's recently stated policy of more stringent enforcement of dormitory regulations, especially the Open House rules. None of the other three violators has appealed his case.

According to the Institute Committee Judicial Committee it is hoped that the inclusion of a penalty depriving offenders of their Open House privileges will assist Dormitory Judicial Committee in its continued strict enforcement of Open House rules.

Sophomores Triumph On Gridiron By 20-7; Drop Relay And Crew

Mainly due to the unprecedented strategy of burying their gloves during the Glove Fight, the sophomores marched to a 15-6 victory over the Class of '57, in the Fifty-third Annual Field Day festivities last Saturday. The frosh were able to garner points in only the crew race and the relay race. The win avenges the defeat handed the Class of '56 last year and marks the third consecutive sophomore triumph.

Fresh Start Auspicious

The freshmen got off to an early 3-0 lead when they captured the crew race by a wide margin as expected. The Class of '56 simply did not have the manpower or the training to keep up with their rivals and the frosh breezed to the win.

Freshmen hopes were damped in the swimming meet, however, as the sophs placed first and third in the medley race and came back to take the first two places in the freestyle relay. This excellent showing by the men of '56 gave them a 16-5 win in the swimming race and tied Field Day at 3-3.

The scene of activity then switched to Briggs Field, where the tug-o-war commenced the proceedings. In the first pull, held before the start of the football game, the frosh emerged victorious, but were unable to match the older class in the other two pulls and lost this event, and its three points.

Football Game to Sophs

The sophomores exhibited great superiority over the class of '57 in the first half of the football game, and then outlasted their rivals to take a 20-7 decision. The first two touch-

(Continued on page 4)

Alumni Magazine Wins Art Award For April Cover

An action picture of a baton major appearing on the cover of the April, 1953 issue of *The Technology Review* has won for that publication an award from the American Institute of Graphic Arts. The cover was displayed in the Graphic Arts Institute's Fourth Annual Magazine Show, on the basis of its "unusual merit." The picture itself was taken by Professor Harold E. Edgerton of the Electrical Engineering Department, employing a stroboscopic light source flashing 60 times per second to produce a sequence of action views.

The American Institute of Graphic Arts Magazine Show is the only comprehensive exhibition of commercial magazines in the United States. Awards are made on the basis of interest, good taste, and outstanding design and production, each magazine considered within its own scope and self-imposed objectives.

The Technology Review is published monthly by the M.I.T. Alumni Association. The Editor and Art Director is Mr. Beverly Dudley, and Mr. Harold E. Lobdell, vice-president of the Alumni Association, is the publisher.

The Tech

VOL. LXXIII

Tuesday, November 3, 1953

NO. 38

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Calendar of Events

from November 4 through November 11, 1953

WEDNESDAY, NOVEMBER 4

Departments of Mathematics and Physics. Operations Research Seminar: "Analysis of Failure of Complex Equipment." Mr. H. Newton Garber, Room 6-219, 3:00 p.m.

Departments of Metallurgy and Physics. Robert S. Williams Lecture: "Types of Interactions between Dislocations and Solute Atoms." Professor Alan H. Cottrell, Department of Metallurgy, Birmingham University, England, Room 35-225, 4:00 p.m.

Electrical Engineering Department. Colloquium: "Synthesis of Speech by Variable Electric Circuits." Dr. Kenneth Stevens, Room 6-120, 4:30 p.m. Refreshments in Room 10-340 at 4:00 p.m.

Lecture Series Committee. Third lecture on "The Present Predicament of World Communism and Its Solution." Dr. Karlis Leyasmeyer, European author, editor, educator, and authority on Soviet system, Room 1-190, 5:00 p.m.

Staff Players of M.I.T. Supper and play reading: "The Women." Faculty Club, 6:30 p.m. Reservations: Ext. 2606.

Chemistry Department. Harvard-M.I.T. Physical Chemistry Colloquium: "Some Topics in Theory of Electronic Spectra." Dr. William E. Moffitt, Department of Chemistry, Harvard University, Room 6-120, 8:00 p.m.

THURSDAY, NOVEMBER 5

Departments of Metallurgy and Physics. Robert S. Williams Lecture: "Effects of Interactions between Dislocations and Solute Atoms." Professor Alan H. Cottrell, Department of Metallurgy, Birmingham University, England, Room 6-120, 4:00 p.m.

School of Architecture and Planning. Lecture Series on Experiencing Architecture—VI: "Proportion and Scale." Professor Steen E. Rasmussen, Room 7-427, 4:30 p.m.

Electric Railroaders' Association. Meeting, Room 5-108, 5:00 p.m. Lecture Series Committee. Film: "Eric Frac" (French). Room 1-190, 5:00, 7:30, and 9:30 p.m. Admission: 30 cents.

Mechanical Engineering Department. Student-Faculty Buffet Dinner; lecture with slides: "Creative Design." Mr. Austin Bear, Room 3-470, 5:30 p.m.

FRIDAY, NOVEMBER 6

Mechanical Engineering Department. Seminar: "Diffusers for Centrifical Compressors." Mr. Charles Faulders, Room 3-370, 4:00 p.m. Coffee in Room 3-174 from 3:30-4:00 p.m.

SATURDAY, NOVEMBER 7

Nautical Association. Varsity Finals for Fowle Trophy—I. Sailing Pavilion, 1:00 p.m.

Varsity Soccer Team. Match with Worcester Polytechnic Institute, Briggs Field, 2:00 p.m.

SUNDAY, NOVEMBER 8

Nautical Association. Varsity Finals for Fowle Trophy—II. Sailing Pavilion, 10:00 a.m.

Humanities Series. Concert by Loewenguth String Quartet. Works by Mozart, Beethoven, and Roussel, Room 10-250, 3:00 p.m.

MONDAY, NOVEMBER 9

Freshman Cross Country. New England Championships. Franklin Park, 1:30 p.m.

Varsity Cross Country. New England Championships. Franklin Park, 2:00 p.m. Aeronautical Engineering Department. Seminar: "Modern Concepts of Air Force Systems." Brigadier General L. I. Davis, Air Research and Development Command, Baltimore, Maryland, Room 35-225, 4:00 p.m. Refreshments in the duPont Room from 3:30-4:00 p.m.

Military Science Department. Smoker for Advanced Course ROTC Cadets. Emma Rogers Room, 4:00-6:00 p.m.

Outing Club. Meeting and lecture: "Food Problems in the Antarctic." Room 3-370, 5:00 p.m.

TUESDAY, NOVEMBER 10

Christian Science Organization. Subject: "Where is Joy?" Tyler Lounge, Walker Memorial, 5:15 p.m.

Metallurgy Department. Colloquium: "The Nature of Solid Solutions." Professor Benjamin L. Averbach, Room 35-225, 4:00 p.m.

School of Architecture and Planning. Lecture Series on Experiencing Architecture—VII: "The Esthetics of Daylighting." Professor Steen E. Rasmussen, Room 7-427, 4:30 p.m.

WEDNESDAY, NOVEMBER 11

Armistice Day. Holiday.

EXHIBITIONS

Photographic Salon prints by Herman M. Bates of Worcester will be displayed in the Photo Service Gallery, Basement of Building 11, through November 16.

An exhibition of "International Watercolors" by leading contemporary artists (Moore, Nicholson, Appel, Auborg, Wyeth, Feininger, etc.) will be on view in the New Gallery of the Charles Hayden Memorial Library from November 5-23. Hours: Monday through Friday, 9:00 a.m.-5:00 p.m.; Saturday, 2:00-5:00 p.m.

CALENDAR OF EVENTS

The Calendar of Events appears in *The Tech* on Tuesday with announcements for the following eight days (Wednesday through Wednesday). Notices, typewritten and signed, must be in the office of the editor, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of November 11-18 is due November 5.

the college press

Bowdoin College in Brunswick, Maine may not have the best football team in the country (or even in Maine, for that matter) but one of the students there has offered some pretty convincing figures to prove that his team is the nation's first.

Last year . . .

Bowdoin beat Maine	33-14
Maine beat Rhode Island	13-0
Rhode Island beat Brown	7-6
Brown beat Harvard	28-21
Harvard beat Dartmouth	26-19
Dartmouth beat Columbia	38-14
Columbia tied Army	14-14
Army beat South Carolina	28-7
South Carolina beat Furman	27-7
Furman beat West Virginia	22-14
West Virginia beat Pittsburgh	16-0
Pittsburgh beat Notre Dame	22-19

This makes Bowdoin better than last year's top team by quite a few touchdowns, but fails to mention the teams that beat Bowdoin, that were beat by someone else, that were beat by still others . . . The final term in

Advertisement

THE COLLEGE DANCE CLUB

Want a date? A good time? You will have both at the College Dance Club Dances held every Friday night at the Hotel Kenmore and every Saturday at the Somerset. Attendance is restricted to college students, graduates, and their guests. One must be a member to purchase a ticket. Membership cards may be obtained after proof of educational status is submitted, i.e. college ring, bursar's receipt, library card, etc. Membership is co-ed. Just ask a member. The dances are loads of fun. This will be the eighth wonderful year.

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this series might even be Cambridge High and Latin.

Speaking of who beat whom, we gather from *The Stute* (Stevens I.T.) that a year there doesn't do much for one's athletic ability. The freshmen won their fourth consecutive victory in the annual Freshman Games there this month.

An interesting feature of these games is a Cane Rush, a form of amusement which, as many of you already know, was given up half a century ago here at the Institute because of its brutality. The five rushes which comprised part of the Stevens games merely resulted in "thrills and bruises for the participants," according to *The Stute*. One advantage of the cane over the glove, however, is that it can't very well be concealed in one's clothing.

An interesting development in an issue which has been much discussed around the Institute is an order from the State University of New York that all student organizations, social in character, must sever their national affiliations and eliminate any "artificial criteria" in the selection of members. The purpose is to curb discrimination.

The *Rensselaer Polytechnic* reports that "the measure, believed to be one of the severest ever directed against fraternities or sororities, affects twenty-five national groups at the two state medical schools and nine teacher training colleges, which have a total enrollment of 13,000." It does not, however, include Cornell or Alfred, which are only partly controlled by the university.

An amusing report from the *Harvard Crimson*: "The Hasty Pudding Club has broken one of its oldest traditions by offering to star a professional entertainer, Julius La Rosa, in next spring's theatrical.

"Thomas Rockwell, the singing star's agent, received this wire from the club: 'We are holding a part for Julius La Rosa that assures him of

Leadership Conference

(Continued from page 1)

II. During the last year of the war he commanded a task force in the North Pacific. In January, 1948, he became deputy commander in chief of the Pacific command and the U.S. Pacific Fleet. In June, 1949, he became Director of Staff of the Personnel Policy Board of the Department of Defense and held this post until February, 1952, when he came to Boston to command the First Naval District.

Admiral McCrea holds a B.S. degree from the U.S. Naval Academy, and was awarded the degrees of Bachelor and Master of Laws by George Washington University. He is a member of the American Bar Association and the Bar of the District of Columbia, and has been admitted to practice before the U.S. Supreme Court.

stardom in our coming 106th annual production, *Ad Man Out*. It is only fitting and proper that he move from the king of television to the king of the legitimate stage." Rockwell declined immediate comment on the offer, saying, "It's up to Julius."

We're not quite sure now it happened, but the Harvard Law School Forum on the "American Girl" brought out some interesting opinions on the Harvard man. Miss Magda Gabor criticized men in this country for their overpadded shoulders and loud ties. "But a Harvard man," she concluded, "is the best dressed man in the country. Even after twenty years out of college, you can spot a Harvard man by his suit." "Of course you can," Al Capp countered, "it's the same suit."

As for the subject of the forum, herself, Mr. Capp described her as "90 percent mating instinct and 10 percent self-preservation. Every day is Sadie Hawkins Day for her."

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Soph Swimmers '56 Drops Baton, Trounce Frosh Loses Relay Race At Field Day Meet During Field Day

The swim meet, which was expected to be one of the more evenly-matched events on the Field Day program, was turned into a complete rout as the sophs churned to a surprisingly easy 16-5 victory over the class of '57. It was the old story of quality winning over quantity as the men of '56, who had a turnout of only 18 swimmers for the 14 man squad in comparison with the 50 freshmen who tried out for the '57 team, took first places in both the medley and freestyle relays and, to add insult to injury, finished second and third in the freestyle and medley respectively.

The meet opened with the 150 yard medley, and at the conclusion of the race the handwriting was clearly on the wall for the frosh. The relay team of Barry Brown, Ken Whipple, and Scott Morris gave '56 five big points by crossing the line in the time of 1:33.7; far from spectacular compared to the meet record of 1:24.0, but it was good enough for a first place—which is all that mattered to the fired-up sophomore team. Dick Langendorf, Fred White, and Darwin Swanson picked up an additional point by coming in third. The frosh team of Howard Cohen, Gordon Dobie, and Frank Salz took second for the yearlings' highest finish of the meet.

Sophs Clean Up In Freestyle

The freshmen, needing at least a first and a third in the freestyle, were left with little hope going into the final race and, as it turned out, just were not up to the effort.

After being held even for the first few laps of the 200 yard test, the two soph teams steadily pulled ahead and finished with an extremely comfortable lead over the third place freshmen. Bob Goldman, John Roberts, Joe

Over-anxiety on the part of the Sophomore relay team presented the Frosh with a victory and 3 points on the 53rd Field day.

McGungle had accumulated a 5 yard leak for the Sophs in the first 220 yd. lap, when the baton eluded Bratton at the hand-off, giving the Frosh a 35 yard vantage in the second lap. In the next seven laps, Soph sprinters decreased the gap to 20 yards.

At the three-quarter mark, there

Hamlet, and Bob Jantzen comprised the winning relay team while Jim Royer, John Reynders, Bob Sullivan, and Quinn Solem took second place for the class of '56. The time was 1:45.5, not far off the meet record of 1:43.4.

All in all it was a great victory for the sophs and one which exceeded the hopes of even the most ardent '56 rooter. It was a team victory all the way, and the fine showing of the whole sophomore team must have sent Gordon Smith, Varsity head coach, away with thoughts of great things to come from his M.I.T. swim team this winter. As for the '56 coach, Don Bailey, his only comment was a grateful, "Yippee!"

seemed little doubt as to the outcome. But the Soph strength was yet to come. Burrows and Saloma, 10th and 11th runner, respectively, cut the deficit to 10 yards, whereupon Hoffman, starting fast, gave the Sophs new hope. Hoffman came to within 4 yards of McArthur, Frosh anchor man. McArthur, though, timed his sprint perfectly and finished the last hundred odd yards with Hoffman barely 4 paces behind him, enabling the Frosh to capture 3 hard-fought-for points.

During the race, the Frosh showed excellent timing in their handoffs. Although the Sophs undoubtedly possessed the greater speed, Freshmen split-timing saved the race; for, had the Frosh bungled, the outcome might very well have been reversed, even with the mistake between the 1st and 2nd laps. As Coach Oscar Hedlund aptly remarked to this reporter after the race, more than 80 percent of a relay race depends on precision. Speed is but a secondary asset.

The runners in order of appearance:

SOPHS	FROSH
(1) McGungle	McIver
(2) Bratton	Kornbluth
(3) Buell	R. Smart
(4) Lawson	Bridgeforth
(5) Morefield	Bryle
(6) Merkle	Zombeck
(7) McDonald	Wood
(8) Mozzicato	White
(9) Tarr	H. Smart
(10) Burrows	Curie
(11) Saloma	Dann
(12) Hoffman	McArthur

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Sophs Run Away With Glove Fight; Blank '57, 82-0

soph, identity unknown, repaired to Briggs Field under cover of darkness the night before Field Day. When he left, there were two holes in the field, complete with cast-iron piping rammed down them, neatly covered with sod.

The freshmen, on the other hand, decided to give their gloves to a few select men and spend most of their time defending these stalwarts. Meanwhile, the class of '56 deposited their mittens in the convenient receptacle provided earlier.

A charge by '56 met with considerable opposition, and the freshman squad managed to hold on to most of their gloves. However, several fleet sophomores escaped with the booty.

(Continued on page 4)

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Soph's Take Glove Fight

(Continued from page 3)

At this time '57 decided that the time had come for offence. That is, some of them did. A party of about twenty frosh tore down the field bent or finding the hiding place. When those who were still clothed returned, they knew that the gloves were buried. They didn't know where.

Encouraged by this knowledge, a larger raiding party started down-field. This time the sophomores were attacked by a fairly sizable force. However, at this charge a good many sophomores charged the other way and came back with many more white mittens.

Impromptu Stratagem

Despite the force showed by the freshmen, they were unable to capture any gloves because of an ingenious sophomore who collapsed across the hiding place with all the symptoms of the final stages of Asiatic cholera. The freshmen, it is true, made up for this shortage in gloves by compiling a big average in '56 pants.

Science Academy Meeting

(Continued from page 1)

In addition to Dr. Compton, six members of the M.I.T. faculty: Professor Arthur C. Cope, Department of Chemistry; Professor Jerome C. Hunsaker, Department of Aeronautical Engineering; Professor Francis O. Schmitt, Department of Biology; Professor John C. Slater, Department of Physics; Professor C. Richard Soderberg, Department of Mechanical Engineering; Dr. Julius A. Stratton, Vice-President and Provost; Dr. Bronk and Dr. Alexander Wetmore, Home Secretary of the Academy, are ex-officio members of the Committee.

Sophomores Beat Freshmen

(Continued from page 1)

downs were scored on punt returns by back Jim Coulter, and the sophs drove to a 20-0 lead at half time. The second half evenly played, as the sophomores settled back to enjoy the lead. Scott Loring scored for the frosh in the last period to avert a shutout.

For the second successive year the Class of '56 relay team missed a pass and dropped the baton. The first sophomore pass failed and the frosh was off to a big lead. Despite the fact that they trailed at one point by 35 yards, the sophomores slowly began to gain and anchor-man Jack Hoffman's mad dash fell a scant four yards short of victory.

Glove Fight Decides

Thus the Glove Fight would once more decide the outcome of Field Day. The sophomores entered the final event with a 10-6 lead, but a '57 win would give the yearlings a narrow 11-10 victory. The swarm of freshmen that appeared on the field at the outset gave the sophomores good cause for alarm since they could not hope to match their rival's numbers. During the fight, however, many sophs were seen returning to their barrel bearing booty, but nary a freshman was seen with a green sophomore glove—as a matter of fact no green gloves were seen whatsoever. After the gun had sounded it was learned by all that strategy had once more won the Glove Fight and Field Day. The sophomores had buried all their gloves and succeeded in concealing their location from the onrushing horde of freshmen. The final count revealed that the sophs had 82 gloves to none for the class of '57.

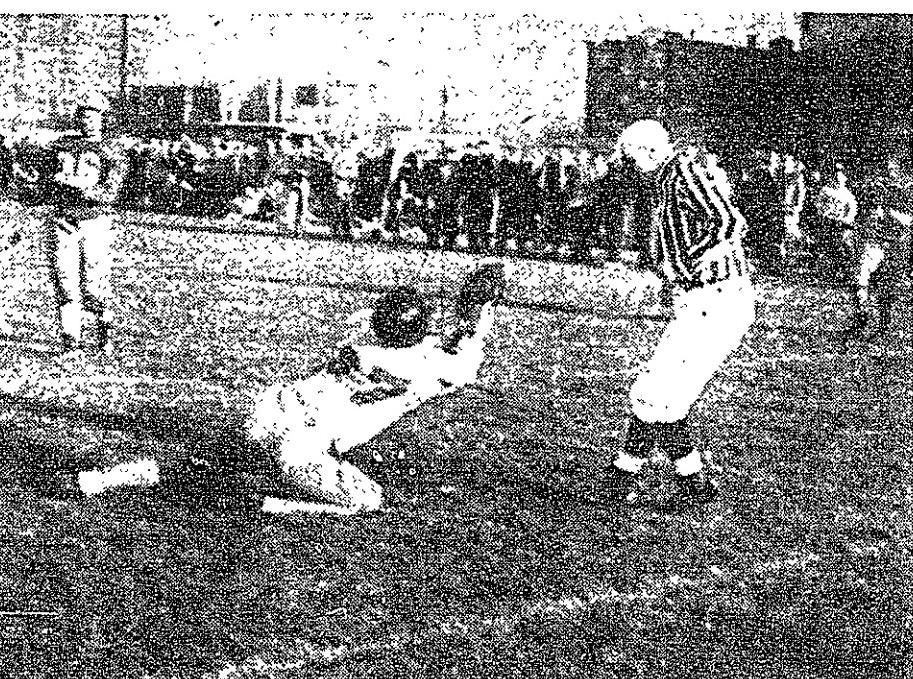


Photo by Gallagher

Freshmen end fumbles pass in end zone during 20-7 Soph win on Field Day.

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